'AP3 Rec'd PCT/PTO 02 MAY 2008

PTO-1390 (Rev. 07-2005)
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TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER 4375-061141

CON	CERNING A SUBMISSION	U.S. APPRICATION TO THE PROPERTY CFR 1.5)					
INTERNAT	TIONAL APPLICATION NO. 003/035726	PRIORITY DATE CLAIMED 10 November 2003					
TITLE OF INVENTION							
APPLICANT(S) FOR DO/EO/US							
Csaba SZELES et al.							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
		submission of items concerning a submission					
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. 🔽 1	The US has been elected (Article 31).						
5.	A copy of the International Applicatio	n as filed (35 U.S.C. 371(c)(2))					
•	a. is attached hereto (required	d only if not communicated by the Internation	nal Bureau).				
	b. has been communicated by						
\Box		cation was filed in the United States Received					
6.	ı î	e International Application as filed (35 U.S.	C. 371(c)(2)).				
	a. Lis attached hereto.	M-dd 25 H O O . 454/d//4)					
₇	·	tted under 35 U.S.C. 154(d)(4).	(35 II S C 371(a)(3))				
7	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
	a. are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau.						
	c. have not been made; however, the time limit for making such amendments has NOT expired.						
	d. An have not been made and will not be made.						
8.	An English language translation of the	ne amendments to the claims under PCT A	rticle 19 (35 U.S.C. 371(c)(3)).				
9.	An oath or declaration of the inventor	r(s) (35 U.S.C. 371(c)(4)).	·				
10.	An English language translation of th Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary I	Examination Report under PCT				
Items 11 to 20 below concern document(s) or information included:							
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.					
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13.	A preliminary amendment.						
14.	An Application Data Sheet under 37 CFR 1.76.						
15. 🔲	A substitute specification.						
16.	A power of attorney and/or change of address letter.						
17	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.						
18. 🔽	A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
19. 🔲	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

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U.S. APPLICATION NO. (if known_see 37.)	INTERNATIONAL AP	PLICATION NO.	ATTORNEY'S DOCKET NUMBER			
U.S. APPLICATION NO. (if known_see 37 (PCT/US2003/035726		4375-061141			
20. Other items or information:						
The following fees have been subt	nitted			CALCULATIONS	PTO USE ONLY	
The following fees have been submitted 21. Basic national fee (37 CFR 1.492(a))			•	TOUGEONET		
				300		
22. Examination fee (37 CFR 1.492						
If the written opinion prepared by ISA/US or by IPEA/US indicates all claims sati All other situations	\$ 200					
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$ 100	·	
TOTAL OF 21, 22 and 23	=			600		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
I I	Number of each additional 50 or fraction RATE thereof (round up to a whole number)		RATE			
9 - 100 = 0 /50 =	0 x		× \$250	\$ 0		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$		
CLAIMS NUMBER FILED		NUMBER EXTRA	RATE	\$		
Total claims 7	- 20 =	0	× \$ 50	\$ 0		
Independent claims 2	- 3 =	0	× \$200	\$ 0		
MULTIPLE DEPENDENT CLAIM(S) (if appl	cable)		+ \$360	\$ U		
TOTAL OF ABOVE CALCULATIONS =			CALCULATIONS =	\$ 600		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			ed by 1/2.	0		
SUBTOTAL =			\$ 600			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 130		
TOTAL NATIONAL FEE = \$ 730						
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						
TOTAL FEES ENCLOSED = \$				\$ 730		
				Amount to be refunded:	\$	
				Amount to be charged	\$	

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A check in the amount of \$ 730 a. 🗸 to cover the above fees is enclosed. _____ to cover the above fees. Please charge my Deposit Account No. in the amount of \$ ____ A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0650 ... A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. shard h Chym SEND ALL CORRESPONDENCE TO: SIGNATURE Richard L. Byrne The Webb Law Firm Richard L. Byrne 700 Koppers Building NAME 436 Seventh Avenue 28,498 Pittsburgh, PA 15219 REGISTRATION NUMBER Telephone: (412) 471-8815 Facsimile: (412) 471-4094

10/578057 IAP12 Rec'd PCT/PTO 02 MAY 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:	ATTORNEY'S DOCKET NUMBER					
CSABA SZELES et al.	4375-061141					
ENTITLED						
"RADIATION DETECTOR"						
MAIL STOP PCT ATTN: DO/EO/US Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450						
EXP	RESS MAIL CERTIFICATE					
"Express Mail" Label Number	EV833571183US					
Date of Deposit	02 May 2006					
I hereby certify that the fol	lowing attached paper or fee					
OFFICE (DO/EO/US) CONCE triplicate) and check in the amount	AL PUBLICATION NO. WO 2005/048357 with ISR					
Addressee" service under 37 C.F.I	ited States Postal Service "Express Mail Post Office to R. §1.10 on the date indicated above and is addressed to the ox 1450, Alexandria, VA 22313-1450.					
	Rose M. Collier (Typed name of person mailing paper or fee)					
	(Signature of person mailing paper or fee)					